Kol.	Opis
1	**MAGNA3 65-100 F**

Paznja! Slika proizvoda se može razlikovati od stvarnog proizvoda

Proizvodni broj: Na zahtev

The Grundfos MAGNA3 circulator pump is the ideal choice for almost any building project – old or new. With its unrivalled energy efficiency, all-encompassing range and built-in communication capabilities, MAGNA3 is ideal for engineers and specifiers looking to create high-performance heating and cooling systems.

The pump is maintenance-free due to the canned-rotor type design. This also means that pump and motor form an integral unit without shaft seal and with only two gaskets for sealing. The bearings are lubricated by the pumped liquid.

MAGNA3 features an intuitive display and allows you to connect wirelessly with the Grundfos GO Remote app, giving you access to advanced reporting and monitoring.

The pump includes fieldbus communication via CIM modules as well as analog and digital inputs and configurable relays.

Control features include AUTOADAPT and FLOWADAPT. FLOWADAPT which reduces the need for throttling valves, thus cutting costs on system components.

MAGNA3 is the superior choice for a wide range of heating and cooling applications, including:

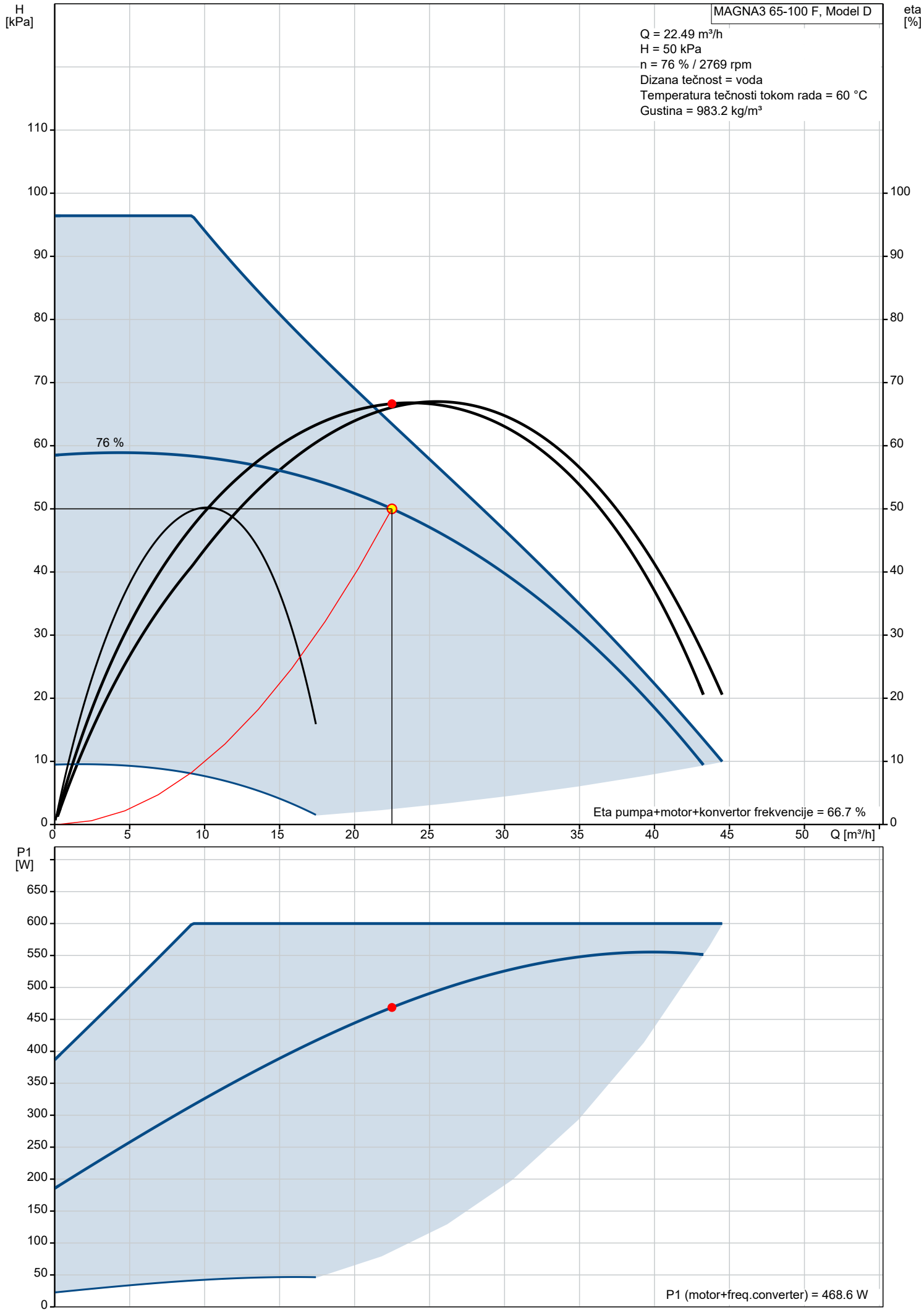
- Mixing loops
- Heating surfaces
- Air conditioning surfaces
- Ground-source heat pump systems
- Smaller chiller applications.

MAGNA3 is a single-phase pump and characterised by having the controller and control display integrated in the control box. The pump also has a built-in differential-pressure and temperature sensor.

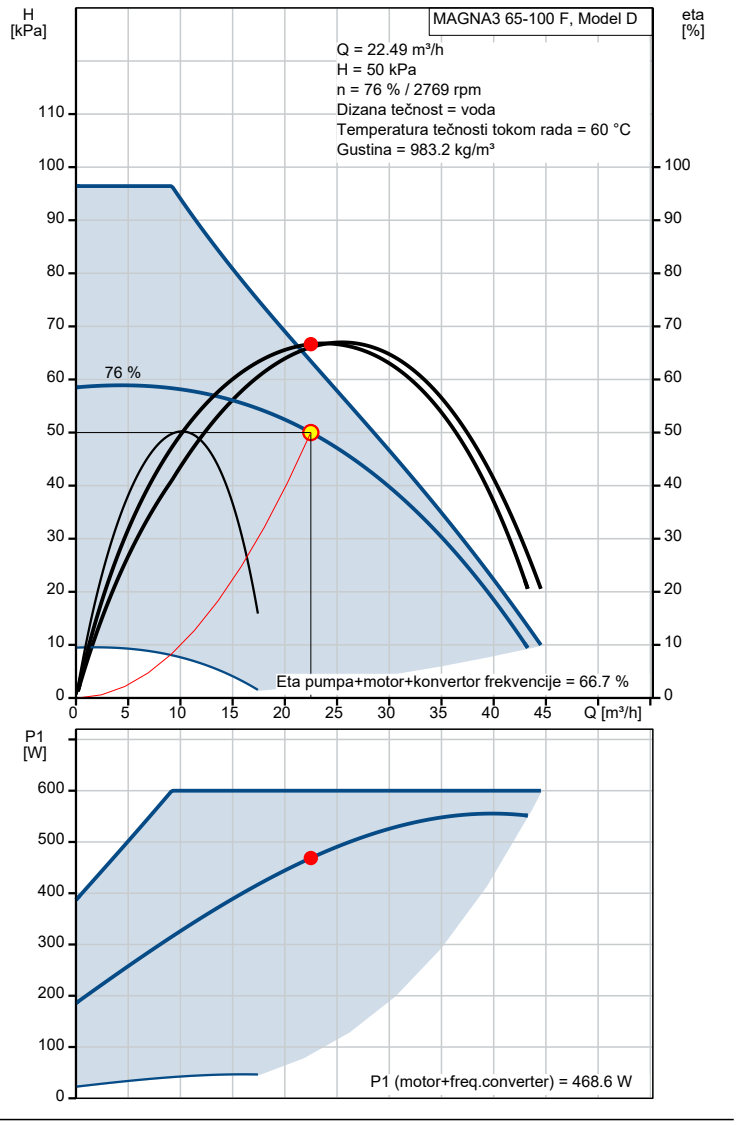
The pump housing is available in both cast-iron and stainless-steel versions. The composite rotor can is carbon-fibre reinforced, the bearing plate and rotor cladding are made of stainless steel and the stator housing is made of aluminium. The power electronics are air-cooled.

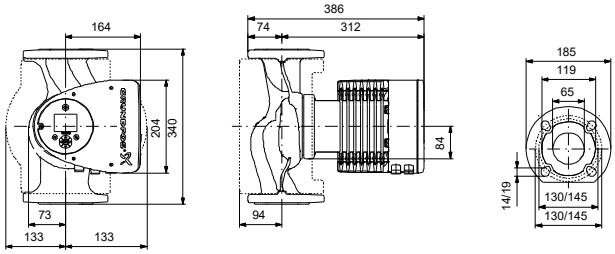
MAGNA3 incorporates a 4-pole synchronous, permanent-magnet motor (PM motor). This motor type is characterised by higher efficiency than a conventional asynchronous squirrel-cage motor. The pump speed is controlled by an integrated frequency converter.

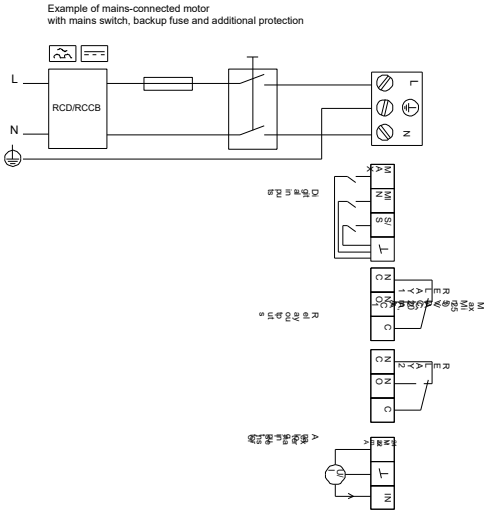
Na zahtev MAGNA3 65-100 F



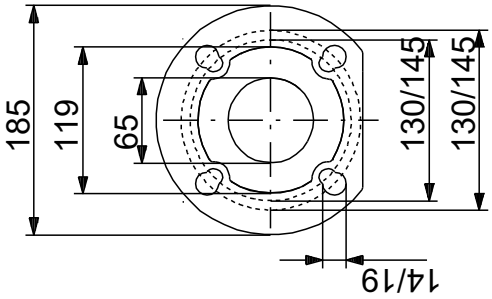
Opis	Vrednost
Opšte informacije:	
Ime proizvoda::	MAGNA3 65-100 F
Šifra proizvoda:	Na zahtev
EAN broj::	Na zahtev
Tehnički:	
Stvarno izračunati protok:	22.49 m³/h
Postignuta visina pumpe:	50 kPa
Visina max.:	100 dm
TF klasa:	110
Saglasnosti na natpisnoj pločici:	CE,VDE,EAC,CN ROHS,WEEE
Model:	D
Materijali:	
Kućište pumpe:	Liveno gvožđe
Kućište pumpe:	EN-GJL-250
Kućište pumpe:	ASTM A48-250B
Rotor:	PES 30%GF
Ugradnja:	
Opseg temperature okruženja:	0 .. 40 °C
Maksimalni radni pritisak:	10 bar
Standardna prirubnica:	DIN
Dimenzija izlaza pumpe:	DN 65
Nazivni pritisak:	PN 6/10
Dužina ugrađivanja:	340 mm
Tečnost:	
Dizana tečnost:	voda
Raspon temperature tečnosti:	-10 .. 110 °C
Selected liquid temperature:	60 °C
Gustina:	983.2 kg/m³
Elektro podaci:	
Potrebna snaga - P1:	21 .. 600 W
Frekvencija struje:	50 / 60 Hz
Potrebni napon:	1 x 230 V
Maksimalna potrošnja struje:	0.23 .. 2.74 A
Klasa zaštite (IEC 34-5):	X4D
Klasa izolacije (IEC 85):	F
Ostali:	
Energija (EEI):	0.17
Neto masa:	21.5 kg
Bruto masa:	23.7 kg
Shipping volume:	0.057 m³
Danski VVS Br.:	380954610
Swedish RSK No.:	5732502
Finnish LVI No.:	4615161
Norwegian NRF no.:	9042689
Country of origin:	DE
Custom tariff no.:	84137030

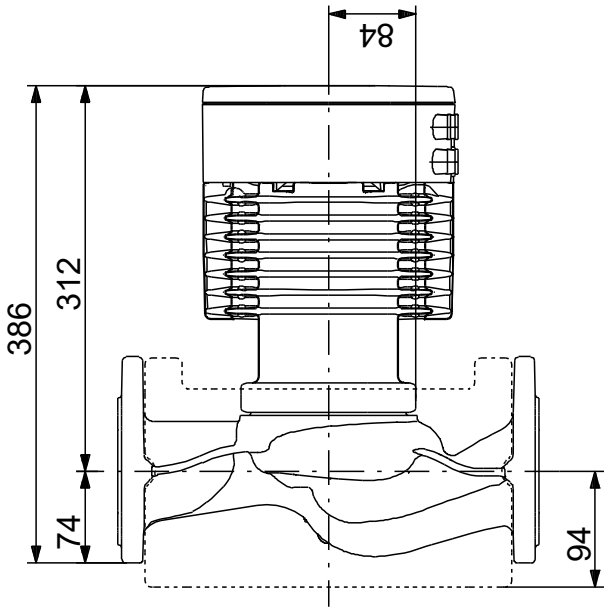

MAGNA3 65-100 F, Model D
Q = 22.49 m³/h
H = 50 kPa
n = 76 % / 2769 rpm
Dizana tečnost = voda
Temperatura tečnosti tokom rada = 60 °C
Gustina = 983.2 kg/m³
H [kPa]
eta [%]
76 %
Eta pumpa+motor+konvertor frekvencije = 66.7 %
Q [m³/h]
P1 [W]
P1 (motor+freq.converter) = 468.6 W

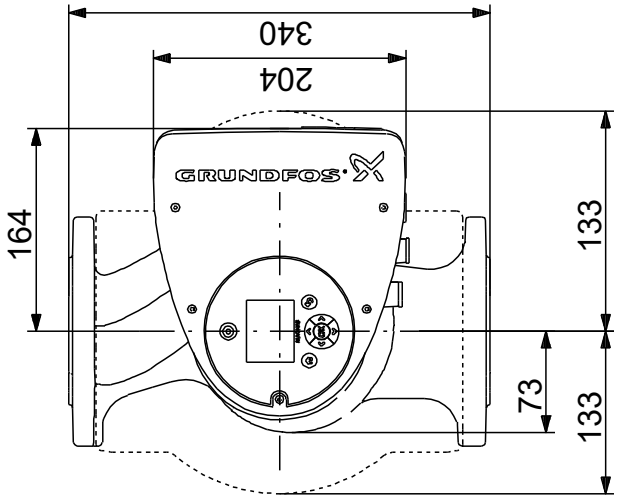




Na zahtev MAGNA3 65-100 F

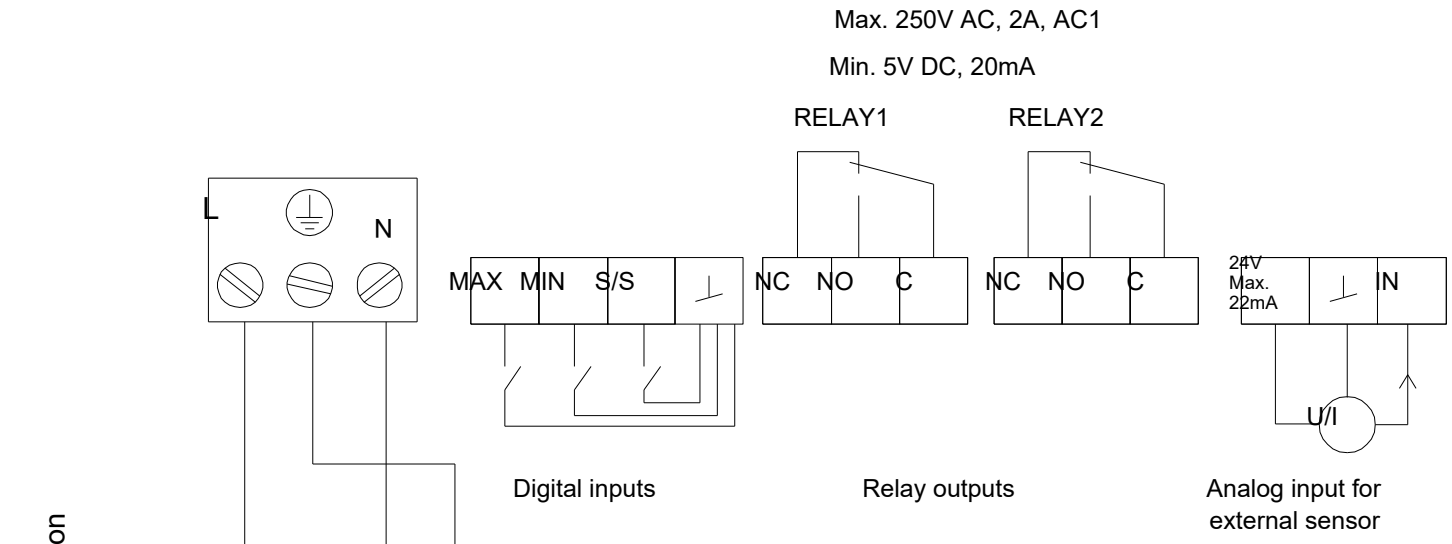






Napomena! Sve jedinice su u [mm]ukoliko drugačije nije navedeno.
Upozorenje: Ovaj pojednostavljeni dimenzioni crtež ne pokazuje sve detalje.

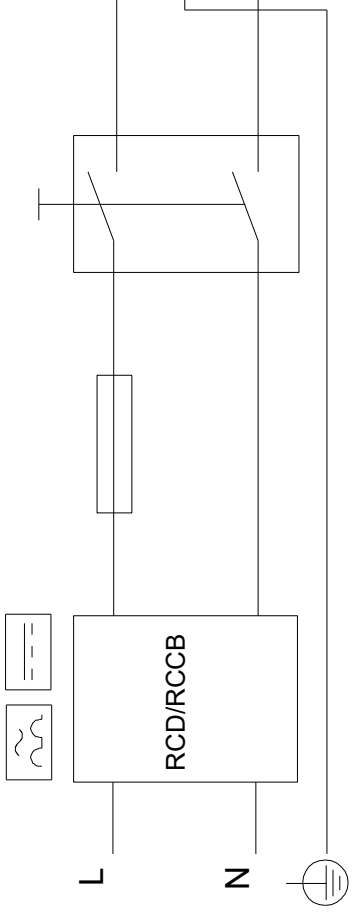
Na zahtev MAGNA3 65-100 F



Digital inputs

Relay outputs

Analog input for external sensor



Example of mains-connected motor with mains switch, backup fuse and additional protection

Pažnja! Sve jedinice su u [mm] ukoliko nije rečeno drugačije.